

## **NOTICE**

May 16, 2005

### **To Current Holders of the City's Engineering Design Manual and Standard Drawings:**

The 2004 updated *Engineering Design Manual and Standard Drawings* (The "*Manual*") became effective on June 10, 2004. Since then, the transition to new standards in the *Manual* has gone fairly smoothly, with the usual occasional "hiccups." The City appreciates all of your efforts in making this happen.

#### **APPLICATION OF THE UPDATED MANUAL TO PRIVATE AND PUBLIC DEVELOPMENT PROJECTS**

The City applies the 2004 updated *Manual* only to projects that were not vested under the previous (1999) *Manual* before June 10, 2004. A project is vested under the previous *Manual* if it received land use approval before June 10, 2004. Therefore, if a project received land use approval before June 10, 2004, the 1999 *Manual* applies to that project, and the 2004 updated *Manual* does not apply to that project. In those cases where no land use approval is required for a project, if the project's application for a Site Development Permit was filed with the City before June 10, 2004, the project is vested under the 1999 *Manual*, and the 1999 *Manual* applies to the project. However, please note that compliance with current local, regional, state and federal laws, whether reflected in the 2004 *Manual* or not, is mandatory, regardless of the vesting date of the project. This includes such recently adopted codes as the 2005 International Building Code and the 2003 International Fire Code, both of which should be considered during the design process.

#### **REVISIONS AND AMENDMENTS TO THE MANUAL**

In the period that has elapsed since the June 10, 2004 effective date of the *Manual*, the *Manual* has been revised and amended as follows:

- Preface
  - Correction to Ordinance Number. (Ordinance 4303, not 4030), page 1.
- Abbreviations and Definitions
  - Changes to definition for Street, page A-7.
  - Addition of the following definitions: Maintenance, Repair, and Replacement, pages A-6-7.
- Chapter I – General Design Requirements
  - Correction of incorrect reference to APWA Section 105, which has been replaced as noted, page I-21.
  - Clarification in Section 115.7 regarding Review Procedure, pages I-16-17.
  - Clarification in Section 135.1 regarding Surveying, page I-21
  - Clarification in Section 140.1 regarding Structures, page I-25
  - Clarification in Section 145, see new footnote, pages I-26-28.

- Clarification in Section 150.4 regarding Safety Requirements, and additional reference to City Code and ODOT/APWA Standards, pages I-32-33.
- Chapter II – Streets
  - Numbering typo on page II-13 has been corrected. In the original version of the *Manual*, section 210.6 had two "D." sections; the second one (on top of page II-13) has been changed to "E."
  - Numbering typo on page II-39 has been corrected. In the original version of the *Manual*, sub-section 210.18.H, Consultation with Adjacent Property Owners, incorrectly referred to "subsection 'H' above". This reference has been changed to "subsection 'G' above".
- Chapter III – Storm Drainage
  - Clarification in Section 310.B, regarding paving rings, page III-2. (This revision has resulted in the addition of page III-2a).
  - Clarification in Section 310.F, regarding non-ferrous pipe, page III-2a.
- Chapter IV – Traffic Devices and Street Illumination
  - Clarification in Section 450.4.3 regarding residential Streets, page IV-10.
- Chapter V – Sanitary Sewer System
  - Addition to Section 510.B, regarding paving rings, page V-1. (This revision has resulted in the addition of page V-1a).
- Chapter VI – Water System
  - Clarification in Section 610, regarding fire hydrants, page VI-2. (This revision has resulted in the addition of page VI-2a).
  - Addition of sub-section 611.3 to Section 611, regarding service connections and valves.
  - Addition of sub-section 611.4 to Section 611, regarding water meter boxes. (This revision and the one prior to it have resulted in the addition of pages VI-5a-5d).
  - Changes in Section 613 regarding allowable water leakage, page VI-9.
  - Addition of Section 620 – Inspection of Water Lines and Appurtenances. (This revision has resulted in the addition of page VI-18a).
- Subject Index
  - The Subject Index has been amended to include a reference to "traffic control plan," p. I-32.
- Standard Drawing 202 has been revised and renamed "Mountable Curb and Gutter at Vault Drain Weep hole and Inlet Catch Basin."
- Standard Drawings 211, 216, 235, 241, 304, 305, 306, 309, 310, 320, 321, 410, 615, 625, 626, 640, and 641 have been revised and/or added to clarify their intent and/or comply with new local, regional, state, federal, or national standards.

## CITY ENGINEER'S INTERPRETATIONS

Several "City Engineer's Interpretations," which interpret and/or clarify the *Manual*, have also been issued since June 10, 2004. The following City Engineer's Interpretations, with their respective identification numbers reflecting their date of issuance, have been issued to date:

**Stops/Angle Stops** (Safety-related Interpretation)

**Pertaining to Certain Underground Utility Facility Requirements in the Updated Engineering Design Manual and Standard Drawings** **05.10.04-01**

**Pertaining to Revised Requirements for Parking Lot Storm Water Detention Pond Design** **10.20.04-01**

**Pertaining to Minimum Sidewalk Dimensions Required by ADA Guidelines for Sidewalks in Public Rights-of-Way** **10.20.04-02**

**Pertaining to Revised Requirements for Requesting a City Engineer's Interpretation and for Appealing a Penalty or a City Engineer's Decision Regarding a Specific Project** **10.20.04-03**

**Pertaining to Construction Materials Generally, Water System Inspection and Testing, and Corporation Stops and Curb Stops/Angle Stops** **03.10.05-01**

**Pertaining to The Repair of a Circular Pothole** **04.21.05-01**

## **HOW TO OBTAIN COPIES AND ADDITIONAL INFORMATION**

These revisions and amendments to the *Manual* and City Engineer's Interpretations are available on the City's website at:

[www.beavertonoregon.gov/departments/engineering/eng\\_edm\\_adopted.html](http://www.beavertonoregon.gov/departments/engineering/eng_edm_adopted.html).

If you require hard copies of these revisions and amendments, please call Paula Moore, Engineering Support Specialist, at (503) 526-2342 (email [pmoore@ci.beaverton.or.us](mailto:pmoore@ci.beaverton.or.us)). The City will be happy to provide one (1) set of hard copy revisions per holder free of charge. A fee will be charged for additional copies.

If you have any questions, please call me, Terry Waldele, City Engineer, at (503) 526-2353 (email [twaldele@ci.beaverton.or.us](mailto:twaldele@ci.beaverton.or.us)) or Paula Moore, Engineering Support Specialist, at (503) 526-2342 (email [pmoore@ci.beaverton.or.us](mailto:pmoore@ci.beaverton.or.us))

Regards,

Terry Waldele, P.E.  
City Engineer